

## **Project Priority Matrix** [DRAFT]

### **CLEANUPS:**

<b>Libby</b>	<b>Risk</b>	<b>Community Value</b>	<b>Individual/Family Impact</b>	<b>Economic Value</b>	<b>Cost</b>	<b>Ability to Reduce Risk</b>
<b>Properties</b>	Complete exposure pathways exist. Frequency is often high and for most of the year. Generally levels found today are lower than those removed in prior years. People of all ages face potential exposure. Exposure duration is highly variable.	High	High	High	A fully loaded cost for a typical property (including design, sampling, clearance, disposal, etc) is now roughly \$75,000 per home (indoor and outdoor). With some larger properties more, smaller ones less.	Currently being verified through ABS, but thought good. Issues remain with residuals left in walls, crawl spaces, and carpets. Also there is an issue with use of PLM for outdoor soils confirmation.
<b>Creeks</b>	Complete exposure pathways exist, mostly in summer months. Material contains a high level of asbestos, with potential for tracking elsewhere. Flower Creek appears to have more contamination than either Granite or Callahan Creek. Exposure group is mostly children.	High. Only place for kids to swim in summer. Flower Creek appears to be used more than Granite Creek, both of which see more use than Callahan Creek.	Moderate?	Low	Undetermined at this time. If a full excavation is required (likely on Flower Creek) is required cost (including restoration) would likely exceed \$500k	Warning signs and cover provide notice and limited protection. A physical removal would greatly minimize (if not eliminate) the potential for exposure.

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	Frequency during summer months is likely a few times a week, with duration a couple of hours.					
<b>CVCC</b>	The greens and tee boxes of the original 9 holes have vermiculite as a drainage layer. ABS (mowing) scenarios showed exposures up to 0.002f/cc. Workers would be exposed daily in warmer months. Exposure to golfers is likely, but levels unclear.	High. The CVCC sees a lot of use by Libby residents and LHS. There are a number of out of town users as well. Because of this there is a fair amount of visibility. There is a somewhat intangible value to the golf course by providing exercise and enjoyment.	Low to moderate? Greatest effect on workers and players.	High. CVCC provides jobs, and with 18 holes would provide for a larger economic draw.	A design is in progress but costs will be high. This is a fairly large scale removal and restoration costs will be significant. Likely to exceed \$1.5M.	Interim measures, short of asking the CVCC to close the 9 holes, would be ineffective. Physical removal would greatly reduce (if not eliminate) potential exposures.

<b>ERS</b>	<b>Risk</b>	<b>Community Value</b>	<b>Individual/Family Impact</b>	<b>Economic Value</b>	<b>Cost</b>	<b>Ability to Reduce Risk</b>
<b>Service</b>	Most calls (30-50 per month) do not involve direct or on-going exposures, but do involve future exposures (e.g. a planned renovation involving vermiculite.)	Moderate to High. The ERS position is providing lots of information that will be quite germane to long-term O&M issues. Clearly, lots of community members are using this service.	Moderate. Mostly to individual property owners and tradesmen.	Moderate? The service has helped facilitate renovations and home transactions.	Roughly \$10,000 per month to have 24-hr. phone coverage, handle routine calls, and to do property visits/screenings.	Hopefully prevents exposures by providing education and consulting service.

<b>Cleanups</b>	Usually involves either an immediate cleanup of an accidental release of vermiculite (e.g. –a hole knocked into a wall) or a semi-planned, small scale removal to allow a homeowner to proceed with a renovation. We have been doing 5-10 of these per month.	Low. By and large these are single property owner issues, with some exceptions.	High. Impact to an individual's life can be substantial.	Moderate? These actions have helped facilitate renovations and home transactions	Roughly \$12,000 to \$18,000 per month.	Varies. Many actions involve interim fixes.
<b>Demos</b>	Potential exposures after a catastrophic event (e.g. a house fire) are usually small since the property is typically uninhabited. Homes with outdoor contamination are similar to those on the cleanup cue.	High. These homes tend to be eyesores, attract weeds, and attract vermin. The City and County are often after us to accelerate the demolitions.	High. Usually the property owner can not rebuild until the demolition /cleanup is complete. This also affects insurance and financing	Moderate to high. Impacts to property owner and those in the immediate area.	Depending on restoration requirements demolitions typically cost \$130,000 to \$250,000.	High. With removal of the building and contaminated soils the risk for residual material being left at the surface is quite small.

<b>Troy</b>	<b>Risk</b>	<b>Community Value</b>	<b>Individual/Family Impact</b>	<b>Economic Value</b>	<b>Cost</b>	<b>Ability to Reduce Risk</b>
<b>Properties</b>	Based on the screening results in hand, some of the properties in Troy might have higher potential for exposure than those in Libby.	High	High	High		Currently being verified through ABS, but thought good. Issues remain with residuals left in walls, crawl spaces, and carpets. Also there is an issue with use of PLM for outdoor soils confirmation.